

# Alan Liska

## List of Publications by Year in descending order

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20  
papers

122  
citations

1307594

7  
h-index

1372567

10  
g-index

20  
all docs

20  
docs citations

20  
times ranked

187  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical and Quantum Chemical Investigation of Tetranitrocalix[4]arenes: Molecules with Multiple Redox Centers. <i>Journal of Organic Chemistry</i> , 2013, 78, 10651-10656.	3.2	25
2	Comparison of the electron work function, hole concentration and exciton diffusion length for P3HT and PT prepared by thermal or acid cleavage. <i>Solid-State Electronics</i> , 2016, 116, 111-118.	1.4	14
3	Formation and proof of stable bi-, tri- and tetradical polyanions during the electrochemical reduction of cone-polynitrocalix[4]arenes. An ESR-UV-vis spectroelectrochemical study. <i>Electrochimica Acta</i> , 2014, 140, 572-578.	5.2	11
4	Influence of structure on electrochemical reduction of isomeric mono- and di-, nitro- or nitrosocalix[4]arenes. <i>Monatshfte für Chemie</i> , 2015, 146, 857-862.	1.8	11
5	Fullerene recognition by 5-nitro-11,17,23,29-tetramethylcalix[5]arene. <i>Tetrahedron Letters</i> , 2015, 56, 1535-1538.	1.4	8
6	Stereoelectrochemistry of calixarenes – Molecules with multiple redox centers. <i>Current Opinion in Electrochemistry</i> , 2018, 8, 45-51.	4.8	8
7	Oxidation potentials of guanine, guanosine and guanosine-5'-monophosphate: Theory and experiment. <i>Electrochimica Acta</i> , 2019, 318, 108-119.	5.2	8
8	Electrochemical and Quantum Chemical Study of Reactivity of Orthophthalaldehyde with Aliphatic Primary Amines. <i>Journal of the Electrochemical Society</i> , 2016, 163, G127-G132.	2.9	5
9	Facile Construction and In Silico Study of Quinoline-Attached Resorcinarene Fluorescent Sensor for the Recognition of Insensitive Munition Compounds. <i>ChemistrySelect</i> , 2018, 3, 12951-12959.	1.5	5
10	The cone-tetranitrocalix[4]arene tetradical tetraanion as an electrochemically generated ligand for heavier alkali metal cations. <i>Chemical Communications</i> , 2019, 55, 2817-2820.	4.1	5
11	Electrochemical Reduction and Intramolecular Electron Communication of Nitro Substituted Thiacalix[4]arenes. <i>Electroanalysis</i> , 2016, 28, 2861-2865.	2.9	4
12	Preparation and redox properties of fluorinated 1,3-diphenylisobenzofurans. <i>Electrochimica Acta</i> , 2019, 321, 134659.	5.2	4
13	A study of the planarity of the pyrrolone fragment in 2-isopropyl-2,3-dihydro-1H-isoindol-1-one. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2016, 72, 518-524.	0.5	3
14	Facile construction & modeling of a highly active thiacalixphenyl[4]arene-protected nano-palladium catalyst for various C-C cross-coupling reactions. <i>New Journal of Chemistry</i> , 2019, 43, 5611-5622.	2.8	3
15	The “Dark Side” of Germanium-Based Photoinitiators – Connecting Redox Properties and Optical Absorption. <i>Organometallics</i> , 2020, 39, 2257-2268.	2.3	3
16	Reactivity of orthophthalaldehyde with aliphatic, alicyclic and aromatic primary diamines: Electrochemical study and mechanistic considerations. <i>Journal of Electroanalytical Chemistry</i> , 2018, 821, 131-139.	3.8	2
17	Electrochemical Reduction of Oligo-nitrocalix[4]Arenes - Molecules with Multiple Redox Centers, Different Conformations and Variable Shape. <i>ECS Transactions</i> , 2015, 66, 23-31.	0.5	1
18	Electrochemical, EPR, and computational study of pyrene conjugates’ precursors for novel type of organic semiconductors. <i>Journal of Solid State Electrochemistry</i> , 2022, 26, 503-514.	2.5	1

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19	Electrochemical, EPR, and quantum chemical study of reductive cleavage of Calix[4]arene nosylates – New electrochemical approach. <i>Electrochemical Science Advances</i> , 2023, 3, .	2.8	1
20	Planarity of substituted pyrrole and furan rings in (3R*, 1S*, 3R*)-3-(tert-butylamino-1H, 3H)-Tj ETQq0 0 0 rgBT /Overl - <i>Crystalline Materials</i> , 2017, 232, 441-452.	0.8	0